

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office

on October 27, 2003.

Date

*Shannon Paladini*

Signature

Shannon Paladini

Typed or printed name of person signing Certificate

OFFICIAL

RECEIVED  
CENTRAL FAX CENTER  
OCT 27 2003

Note: Each paper must have its own certificate of transmission, or this  
certificate must identify each submitted paper.

REPLY UNDER 37 C.F.R. § 1.111 WITH AMENDMENT (7 pgs)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Patent Application of: Lioubin *et al.*****Serial No.: 10/056,790****Filed: 01/23/2002****For: RRP Sequences and Knockout Mice  
and Uses Thereof****Confirmation No: 1603****Group Art Unit: 1642****Examiner: Christopher H. Yaen****Attorney Docket No: EX02-004C****REPLY UNDER 37 C.F.R. § 1.111 WITH AMENDMENT****Commissioner for Patents  
Alexandria, VA 22313-1450****Via Facsimile 703-872-9306 (TC1600)****Dear Commissioner:**

This is responsive to the office action mailed 8/1/2003, making this a timely response. No fees are believed to be due at this time. However, if this belief is in error, the Commissioner is authorized to charge any fees required for consideration of this paper and any other papers filed herewith to deposit account number 50-1108.

**RECEIVED  
CENTRAL FAX CENTER  
OCT 27 2003**

**OFFICIAL**